

ENGINEERING CHANGE NOTICE

DART AEROSPACE LTD

Date: 17.05.18	Job No.: RD17-827-02	ADR Yes/No: N	ADR Date:	ECN #: 17- 571
Product No.: D109-827		Created By: VS	Approved By:	
Product Name: Pedal Lockout Kit		Checked By:		

Distribution	Reqd	Resp	Initial / Date (YY/MM/DD)
Director of Operations	Y	JLM	17.05.25
Production Planning Man. / Production Planner	Y	ED / MP	17.05.25
Supply Chain Director / Purchasing Manager	Y	RA / CL	17.05.25
Production Engineering Coord.	Y	DD	17.05.25
Production Engineering Coord.	N	DL	
Customer Order Processing	N	SL	

Distribution	Reqd	Resp	Initial / Date (YY/MM/DD)
DQA / QA Coord.	Y	PS / ED	17.05.25
QC Coordinator	Y	PD	17.05.25
Customer Support	Y	SW / LM	17.05.25
Customer Technical Support	Y	MB / ML	17.05.25
Marketing	N	WR	
Prod. Man. Solution Provider	Y	HM	17.05.25

Reason for Change:
Pedal lockout kit applicable to AW109SP model

Documents Affected:
D4703 Rev B, D4704 Rev B, D4708 Rev B, D4709 Rev C, D4726 Rev B, D5481 Rev A

IF APPLICABLE: NCR: _____ PAR: _____ CAR: _____ CIR: _____ URF: _____

PAPERWORK UPDATE ☐ PARTS MUST COMPLY ☒ PREVIOUS PARTS SATISFACTORY ☐

#	Quality Assurance Actions	Reqd	Resp	Notes	Complete
1	Notify Previous Customers	N			
2	Notify Eurocopter France	N			
3	Notify Augusta Westland	N			
4	Manufacturing Licensing Agreement Update	N			

#	Engineering Actions	Reqd	Resp	Notes	Complete
5	Required Documents/Drawings/Item ID's Under Review (URF)	N			
6	Update Master Document List (MDL)	N		MDL to be released at a later date	
7	Update Document Record (DR)	N			
8	Update Product Compatability Matrix	N			
9	Notify TC / FAA of Change (eg. ICA, 8110-3)	N			
10					

#	Document Control Actions	Reqd	Resp	Notes	Complete
11	Move / Update Electronic Files / Design Journal	Y	KJ		17.05.25
12	Update Product Specification Files (Bluefiles)	N			
13	Update Approved/Preliminary Dwg PDF Files	Y	KJ		17.05.25
14	Update Product Development Summary (STC applications)	N			
15	Update QSI 021 (TC/FAA STC) and/or STC Approval List	N			
16	Create/Update Parts / STC Database	Y	KJ		17.05.25
17	Update / Verify Airworthiness Release Certificate Database	Y	KJ	TBD	17.05.25
18	Create / Update Change Record Form / Item Card Database	N		D109-827-013 kit will be added with MDL release	
19	Create / Update Packaging Process Plan (PPP)	N			
20	Red Decals required on Packaging Process Plan (PPP)?	N			
21	Update Controlled Supplier Documents (Qpulse) Database	N			
22	Update Grey Project Binder / Electronic Project Folder	N			
23	Update D-Part / M-Drawing / DSI / DEO Master Binders	Y	KJ		17.05.25
24	Update "Royalty Paid to" attribute (Parts sold under Dart USA STC's)	N			
25					

Description / Action:

- Drawings are being released to begin production. Release of the kit and the MDL to follow
- Do not release D109-827-013 kits to customers until official FAA acceptance has been received.
- Preliminary copy of parts list for D109-827-013 included for reference

ECN Verified & Complete: Date: **MAY 27 2017**

4.0 PARTS LIST

PRELIMINARY
H 2017.05.18

QTY -011	QTY -013	Part Number	Description
X		D119-827-011	TAIL ROTOR PEDAL LOCKOUT
	X	D109-827-013	TAIL ROTOR PEDAL LOCKOUT
2		D4703-041	LOCKOUT PIN ASSY
	1	D4703-045	LOCKOUT PIN ASSY
1		D4704-041	EXPANDABLE PIN ASSY
	1	D4704-043	EXPANDABLE PIN ASSY
1	1	D4710-1	SPACER
1	1	D4721-1	DECAL
	2	D5481-041	PLUG ASSEMBLY
2		AN4-11A	BOLT
	2	AN4H11A	BOLT
2		MS14144L4	NUT
2		MS24665-153	COTTER PIN
2		NAS1149D0416J	WASHER
8	2	NAS1149D0463J	WASHER
2		NAS6604D16	BOLT

5.0 WEIGHT AND BALANCE

Installation	Weight	Longitudinal		Lateral	
		Arm	Moment	Arm	Moment
D119-827-011 (A109/A119) <i>Tail Rotor Pedal Lockout</i>	0.52 lb 0.23 kg	32.6 in 0.83 m	16.9 in-lb 0.19 m-kG	-13.1 in -0.33 m	-6.8 in-lb -0.08 m-kG
D119-827-011 (206/407) <i>Tail Rotor Pedal Lockout</i>	0.52 lb 0.23 kg	33.0 in 0.84 m	17.2 in-lb 0.19 m-kG	-12.5 in -0.32 m	-6.5 in-lb -0.07 m-kG
D109-827-013 (AW109SP) <i>Tail Rotor Pedal Lockout</i>	0.54 lb 0.24 kg	32.6 in 0.83 m	17.6 in-lb 0.20 m-kG	-13.1 in -0.33 m	-7.1 in-lb -0.08 m-kG